INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/02743

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : B66B 1/18 US CL : 187/247,382,388 According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols) U.S.: 187/247,382,388					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where appropriate, of the relevant passages			Relevant to claim No.	
A	US 5.058,711 A (TSUJI) 22 October 1991 (22.10.1991), see figures 1-3,4			1-6	
Α ·	US 5,235,143 A (BAHJAT et al) 10 August 1993 (10.08.1993), see entire document.			1-6	
A	US 5,260,526 A (SIRAG JR) 09 November 1993 (09.11.1993), see entire document.			. 1-6	
Α	US 5,283,399 A (FUЛNO et al) 01 February 1994 (01.02.1994), see figures 3-6.			1-6	
A	US 5,300,739 A (BITTAR) 05 April 1994 (05.04.1994), see entire document.			1-6	
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Further	documents are listed in the continuation of Box C.		See patent family annex.		
Special categories of cited documents:		"T"	"T" later document published after the international fi date and not in conflict with the application but co		
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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Υ"	considered to involve an inventive step when the document is combined with one or more other such documents, such combination		
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06 July 2004 (06.07,2004)			d officer	11/	
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